SH-60B

CH-53

MV-22
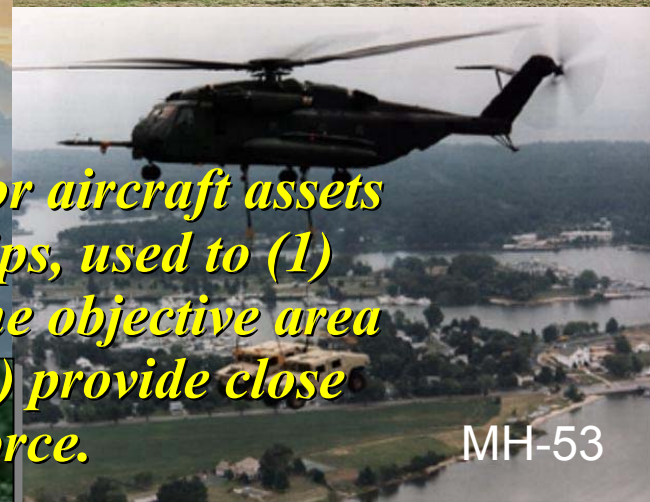
AV-8B

AH-1Z

ASSAULT *The combination of airlift or aircraft assets based in amphibious platforms or ships, used to (1) land assault troops and/or cargo into the objective area of an amphibious attack force and, (2) provide close air support to the assault force.*

UH-1Y

MH-53

MH-60H

CV-22

ASSAULT
Adv Tech Review Board
ATRB

Naval Air Systems Command (AIR-4.0T)

TRANSITION ENDGAME

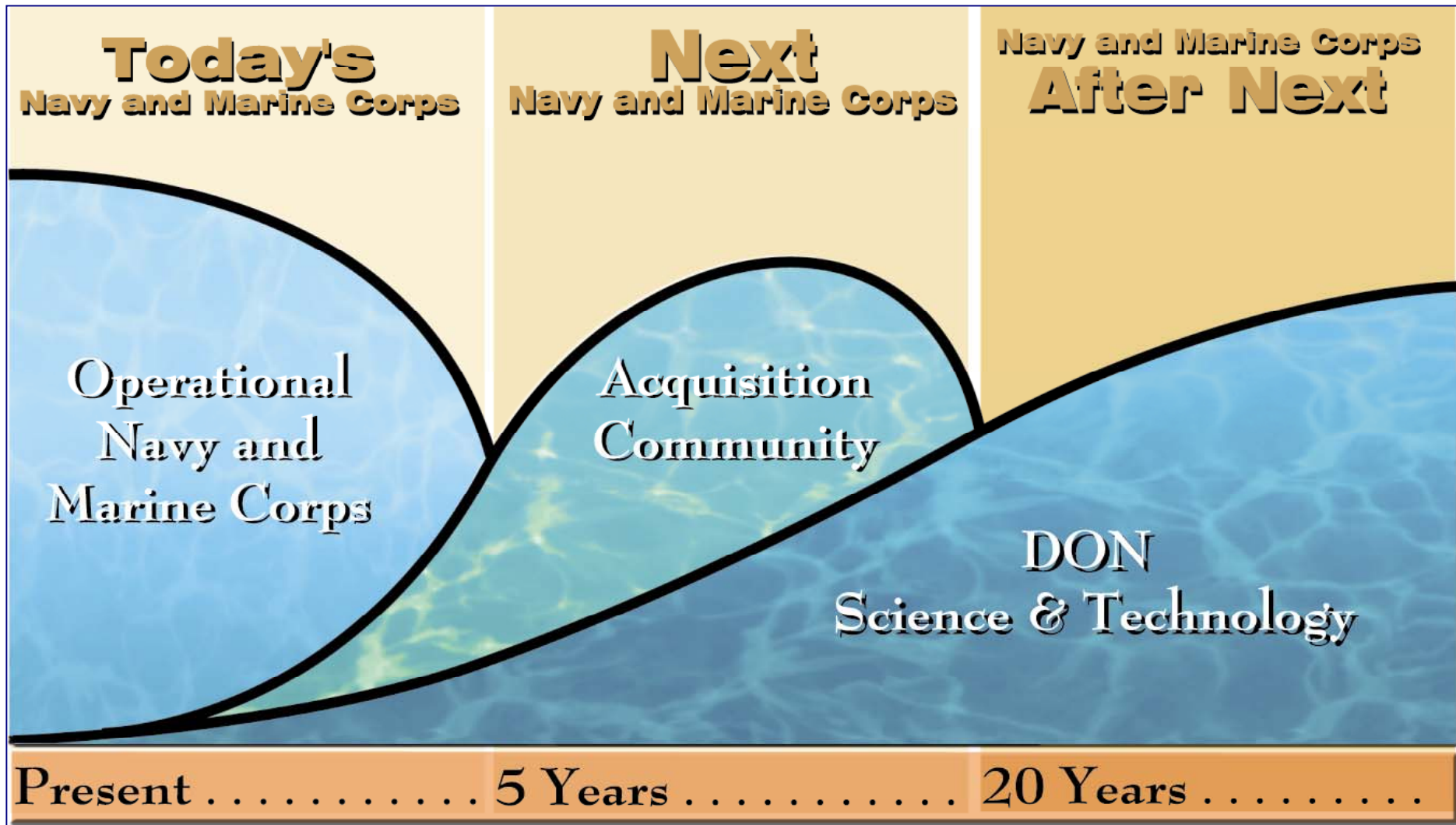**Applications**

"PULL"

Science & Technology

"PUSH"
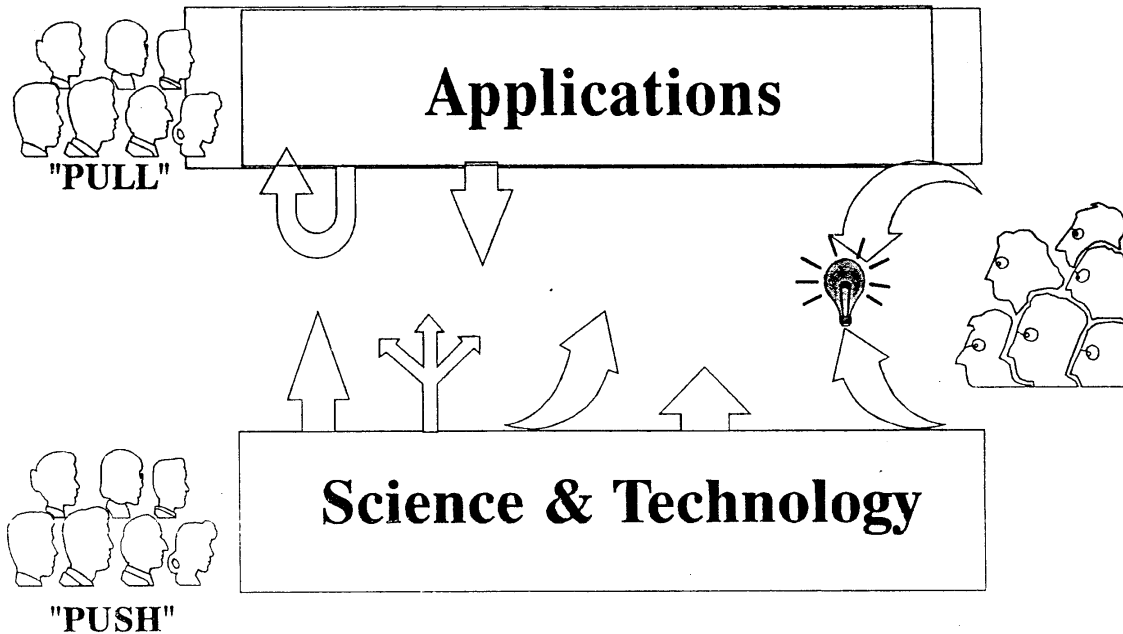
> "A hiatus exists between inventors who know what they could invent, if they only knew what was wanted, and the soldiers who know, or ought to know, what they want, and would ask for it if they only knew how much science could do for them. You have never really bridged that gap yet."
>
> Winston Churchill

Towards The Navy-after Next

Today's Navy and Marine Corps — Operational Navy and Marine Corps

Next Navy and Marine Corps — Acquisition Community

Navy and Marine Corps After Next — DON Science & Technology

Present . . . . 5 Years . . . . 20 Years . . . .

Naval Aviation S&T Transition Planning Structure

NAV/AIR

NAVSTO Naval Aviation Science & Technology Office

N78 Naval Aviation S&T Action Group
(NALG WG's: Common Avionics, Manpower/Trng, Carriers, Strike, Maritime Surv., Amphib, Maint) → Future Naval Capabilities

N75	N76	N77
N4	N6	N2

Transition Opportunity Board (TOB)
(PEO(A), PEO(T), PEO(W), JSF, 1.0, 3.0, 6.0, 8.0)

AIR 1.0	PEO (A)	PEO (T)	JSF	PEO (W)

Carriers ATRB
PMA-213 PMA-251 *PMA-260*
PMA-281 PMS-312 PMS-378

Common Systems ATRB
PMA/W-156 PMA-202
PMA-209 *PMA-213*
PMA/W101/159 (SPAWAR)

Air ASW ATRB
PMA-264   PMA-299
PMA-290   *PMA-263*

Assault ATRB
PMA-257   PMA-275
PMA-261   PMA-276
PMA-299   *PMA-263*

Training ATRB
PMA-205   PMA-248
PMA-273

Strike Platforms ATRB
PMA-234   PMA-241   *PMA-231*
PMA-257   PMA-265   *PMA-263*
PMA-272   JSF   *UCAV*

Weapons ATRB
PMA-201   PMA-242   PMA-259
PMA-280   PMA-281   PMA-282

italics Proposed

AIR-3.0/6.0

AVIATION MAINTENANCE ATRB COORDINATING TEAM (AMACT)

28 Jul 03

PEO(A) MAJOR PROGRAMS

ASW		ASSAULT		SPECIAL MISSION PROGRAMS	
MARITIME SURVEILLANCE AIRCRAFT	P-3 (SRP) SUSTAINED READINESS PROGRAM ACAT II	USMC LIGHT ATTACK HELO PROGRAMS	H-1 UPGRADES ACAT ID	T-45TS / JPATS	T-45 ACAT IC
	P-3 (AIP) ASUW IMPROVEMENT PROGRAM ACAT II	AV-8 (HARRIER)	AV-8B REMAN ACAT IC OSCAR ACAT II		
MULTI-MISSION HELO	MH-60R ACAT IC				JPATS ACAT IC AF LEAD
	MH-60S ACAT IC	V-22 (OSPREY)	V-22 ACAT ID		

STREAMLINING TECHNOLOGY TRANSITION

Guidance & Implied Requirements

Congress

DoD JCS

DDR&E JROC Reliance

Services

ASN - RD&A

NAVSTO/ASSAULT ATRB

MNS

ORD

Warfighting Requirements

PEOs
Transition Opportunity Board

NAVAIR Competency T-Codes

Platform & Product PMAs

PEO(T) F/A-18 Systems Development Roadmap (draft) FA-18 HORNET

F/A-18 Program Team

FY 95 Iot 17	FY 96 Iot 18	FY 97 Iot 19	FY98 Iot 20	FY 99 Iot 21 (LRIP I)	FY 00 Iot 22 (LRIP II)	FY 01 Iot 23 (LRIP III)	FY 02 Iot 24 (FRP)

PEO(T) F/A-18 Systems Development Roadmap (draft) FA-18 HORNET

F/A-18 Program Team

FY 02 Iot 24 (FRP)	FY 03 Iot 25	FY 05 Iot 27	FY 06 Iot 28	FY 07 Iot 29	FY 08 Iot 30

Government Sponsored Science & Technology

ONR NAVSTO

ATD
ACTD
SBIR

Pre-ATRB

ATRB

Technology Transition

Incorporating Products into Out-year Roadmaps

IR&D

Prime Contractors & Sub-Contractors

Industry Sponsored Science & Technology

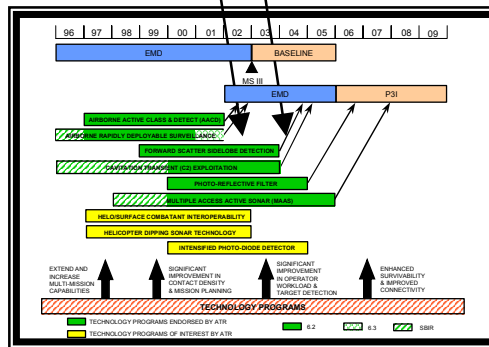**New Industry Products**

ATRB Products

N7 Warfighting Requirements

S&T Priorities

DAMASK
Smart Skins

S&T Support Plan

DAMASK

Smart Skins
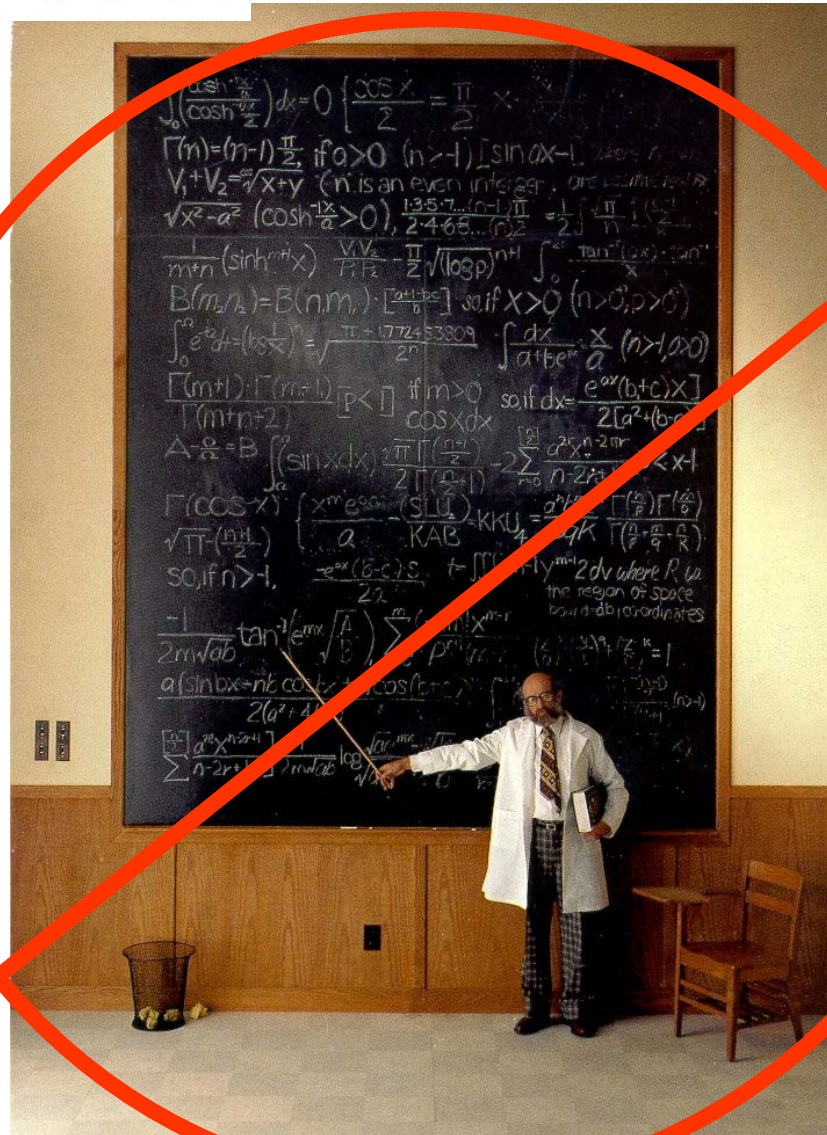
Technology Transition
Roadmap

Eureka!

We've discovered the answer for technology transition…

but, it's NOT an equation…

It's **common planning**… because successful transition is a *contact sport* !

Advanced Technology Review Boards—ATRB's

Advanced Technology Review Boards
http://atrb.navair.navy.mil